

537, 047

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number
WO 2004/039378 A1

- (51) International Patent Classification⁷: **A61K 31/716**, A61P 31/00, 43/00, A23K 1/18, 1/16
- (21) International Application Number: PCT/GB2003/004735
- (22) International Filing Date: 3 November 2003 (03.11.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0225502.4 1 November 2002 (01.11.2002) GB
- (71) Applicant (*for all designated States except US*): **ZOO-LIFE INTERNATIONAL LIMITED** [GB/GB]; 55 Elizabeth Street, London SW1W 9PP (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **GEACH, Mark** [GB/GB]; ZOOLIFE INTERNATIONAL LIMITED, 55 Elizabeth Street, London SW1W 9PP (GB).
- (74) Agents: **HUGHES**, Sian et al.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PREPARATIONS COMPRISING 1,3 AND/OR 1,6 BETA GLUCANS FOR THE TREATMENT OF INFECTIONS AND INFLAMMATIONS IN ANIMALS

(57) Abstract: The present invention provides a preparation comprising 1,3 and/or 1,6 beta glucans, for use in the treatment or prevention of infection, inflammation, and/or traumatic conditions. The preparation may be used in bath or immersion treatment, or can be administered orally or by injection.

WO 2004/039378 A1